

WE CLAIM:

1. A system for managing provisioning parameters in a cable network, the system comprising:
 - a communication link;
 - a DTFTP server, wherein the DTFTP server utilizes a first set of provisioning parameters;
 - a CMTS supported by the DTFTP server, wherein the CMTS uses a second set of provisioning parameters and wherein the first set of provisioning parameters and the second set of provisioning parameters share one or more common provisioning parameters; and

wherein the DTFTP server is adapted to:

 - receive a change to the first set of provisioning parameters;
 - make a determination as to whether the change is to one of the one or more common provisioning parameters;
 - in the event that the change is to one of the one or more common provisioning parameters, send the changed common provisioning parameter to the CMTS via the communication link, wherein the second set of provisioning parameters is updated with the changed common provisioning parameter.
2. The system of claim 1, wherein the communication link is an IP network.
3. The system of claim 1, wherein the common provisioning parameter is a shared secret.
4. The system of claim 1, wherein the common provisioning parameter is a filter table pointer.
5. A method for managing provisioning parameters in a cable network, wherein the network comprises a DTFTP server utilizing a first set of provisioning parameters and a CMTS supported by the DTFTP server and utilizing a second set of provisioning parameters, and wherein the first set of provisioning parameters and the second set of provisioning parameters share one or more common provisioning parameters, the method comprising:
 - receiving a change to the first set of provisioning parameters;

making a determination as to whether the change is to one of the one or more common provisioning parameters;

in the event that the change is to one of the one or more common provisioning parameters, sending the changed common provisioning parameter to the CMTS via a communication link, wherein the second set of provisioning parameters is updated with the changed common provisioning parameter.

6. The method for managing provisioning parameters in a cable network of claim 5, wherein the communication link is an IP network.

7. The method for managing provisioning parameters in a cable network of claim 5, wherein the common provisioning parameter is a shared secret.

8. The method for managing provisioning parameters in a cable network of claim 5, wherein the common provisioning parameter is a filter table pointer.

9. A system for managing provisioning parameters in a cable network, the system comprising a communication link, a poller, a DTFTP server, a central datastore, and a CMTS supported by the DTFTP server, wherein:

the DTFTP server utilizes a first set of provisioning parameters;

the CMTS uses a second set of provisioning parameters and wherein the first set of provisioning parameters and the second set of provisioning parameters share one or more common provisioning parameters;

the poller is adapted to obtain the first set of provisioning parameters from the DTFTP server; and

the central datastore is adapted to:

receive the first set of provisioning parameters from the poller;

make a first determination whether the first set of provisioning parameters differ from a last previous first set of provisioning parameters located at the central datastore;

in the event the first set of provisioning parameters differ from a last previous first set of provisioning parameters located at the central datastore, make a second

determination whether a change has occurred in one of the one or more common provisioning parameters; and

in the event that the change is to one of the one or more common provisioning parameters, send the changed common provisioning parameter to the CMTS via the communication link wherein the second set of provisioning parameters is updated with the changed common provisioning parameter

10. The system of claim 9, wherein the communication link is an IP network.
11. The system of claim 9, wherein the common provisioning parameter is a shared secret.
12. The system of claim 9, wherein the common provisioning parameter is a filter table pointer.
13. A method for managing provisioning parameters in a cable network, wherein the network comprises a poller, a central datastore, a DTFTP server utilizing a first set of provisioning parameters and a CMTS supported by the DTFTP server and utilizing a second set of provisioning parameters, and wherein the first set of provisioning parameters and the second set of provisioning parameters share one or more common provisioning parameters, the method comprising:

at the poller, obtaining the first set of provisioning parameters from the DTFTP server; at the central datastore:

receiving the first set of provisioning parameters from the poller;

making a first determination whether the first set of provisioning parameters differ from a last previous first set of provisioning parameters located at the central datastore;

in the event the first set of provisioning parameters differ from a last previous first set of provisioning parameters located at the central datastore, making a second determination whether a change has occurred in one of the one or more common provisioning parameters; and

in the event that the change is to one of the one or more common provisioning parameters, sending the changed common provisioning parameter to the CMTS

via the communication link wherein the second set of provisioning parameters is updated with the changed common provisioning parameter

14. The method for managing provisioning parameters in a cable network of claim 13, wherein the communication link is an IP network.

15. The method for managing provisioning parameters in a cable network of claim 13, wherein the common provisioning parameter is a shared secret.

16. The method for managing provisioning parameters in a cable network of claim 13, wherein the common provisioning parameter is a filter table pointer.